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REMARKS

Claims 1-27 are currently pending in the subject application and are presently under consideration. Favorable reconsideration of the subject patent application is respectfully requested in view of the comments herein.

I. Rejection of Claims 1-27 Under 35 U.S.C. §102(e)

Claims 1-27 are rejected under 35 U.S.C. §102(e) as being anticipated by Tjandrasuwita (U.S. Patent No. 6,198,469). It is submitted that this rejection be withdrawn for at least the following reasons. Tjandrasuwita does not disclose each and every element as set forth in the subject claims.

For a prior art reference to anticipate, 35 U.S.C. §102 requires that "each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *In re Robertson*, 169 F.3d 743, 745, 49 USPQ2d 1949, 1950 (Fed. Cir. 1999) (quoting *Verdegaal Bros., Inc. v. Union Oil Co.*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987)).

In particular, Tjandrasuwita does not disclose 'a grayscale generator ... programmable ... to generate grayscale formatted data according to the selected display mode', as recited in independent claims 1, 15, and 22. Tjandrasuwita merely discloses a gray scaling logic 301 for a Super-twisted Nematic (STN) module 207. As stated in the 'Background of the Invention' of the subject application, conventional grayscale dithering improves a visual image presented to a user by selectively energizing and de-energizing certain pixels according to a dithering algorithm or scheme. However, the conventional techniques do not allow flexible application of grayscale to multiple disparate display types in a single video-controller. Thus, the present invention provides a programmable grayscale generator to generate grayscale formatted data according to a selected display mode. Tjandrasuwita describes selecting either a TFT display mode or a STN display mode. However, only the STN display mode includes the gray scale logic. Thus, the gray scale logic of Tjandrasuwita is not programmable according to a selected display mode.

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Because Tjandrasuwita does not disclose each and every element of independent claims 1, 15, and 22, Tjandrasuwita does not anticipate these claims. Claims 2-14, 16-21, and 23-27 respectively depend from claims 1, 15, and 22. Accordingly, withdrawal of this rejection and allowance of claims 1-27 are respectfully requested.

II. Conclusion

The present application is believed to be condition for allowance in view of the above comments. A prompt action to such end is earnestly solicited.

In the event any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-1063.

Should the Examiner believe a telephone interview would be helpful to expedite favorable prosecution, the Examiner is invited to contact applicants' undersigned representative at the telephone number listed below.

Respectfully submitted,

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